



NTSB National Transportation Safety Board

Office of Aviation Safety

Chalk's Ocean Airways Maintenance Program

Pocholo Cruz

Maintenance Group
Chairman

Maintenance Overview

- Chalk's maintenance program and practices
- FAA oversight of Chalk's

Maintenance Program/Practices

- FAA-approved program
- Quality control system
 - Monitors program for trends
 - Tracks items for further analysis

Program Deficiencies

- Quality control program not effective
- Repair thresholds not established
- Repetitive issues not sufficiently addressed
 - Fuel leak issues discussed
 - Leaks persisted after repairs, no further evaluation performed

Program Deficiencies

- Other company airplane had fuel leak issues
- That airplane received major repairs
- No comprehensive inspection of fleet performed

Program Deficiencies

- Major repairs not recorded
- Flight log entries missing (2000)
- Repairs not installed using best maintenance practices
 - Sanding on stringer crack
 - Doubler fasteners through sealant

Program Deficiencies

- Inspections failed to address damage and repair workmanship
 - Stringer fractures existed for years
 - Nonconforming repair not corrected

FAA Oversight

- Principal Maintenance Inspector (PMI)
 - Chalk's maintenance program plan
 - Chalk's maintenance performed
 - Workload: Chalk's Ocean Airways, two small Part 121 operators
- PMI "comfortable" with Chalk's maintenance

FAA Oversight

- Did not ensure repairs documented
- Did not ensure program detected repetitive mechanical issues
- Procedures did not account for risk factors



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